

# Program

9h00	9h15	<b>Opening speech</b>
9h15	10h15	<b>Session 1 - Diversity and stability of ecological systems</b>
		Xavier Morin <i>Using coexistence processes to better understand the processes driving diversity-ecosystem functioning relationships</i>
		Robin Delsol <i>The relationships between spatial scaling of biodiversity and ecosystem stability</i>
		Jean-François Arnoldi <i>Variability and the structural stability of ecosystems: two sides of the same coin</i>
		Théophile Olivier <i>Diversity-stability relationships: from theory to natural communities</i>
10h15	10h45	<b>Coffee-break</b>
10h45	12h00	<b>Session 2 - Predictive models of biodiversity changes + Linking data and models</b>
		Clément Viguié <i>On the role of phenotypic plasticity in community diversity: evidence from a process-based model of mountain grassland communities</i>
		Isabelle Marèchau <i>Joint simulation of carbon and tree diversity dynamics in an Amazonian forest succession using TROLL, an individual-based forest dynamics model</i>
		Olivier Maury <i>APECOSM: a mechanistic model of global marine ecosystems</i>
		Matthew Talluto <i>Critical transitions and lagged response to climate change in eastern North American forests</i>
		Fabien Laroche <i>Disentangling stabilising and equalising coexistence mechanisms using an extended neutral model</i>
12h00	13h30	<b>Lunch, by Au Bon Sens des Mets</b>

13h30	14h30	<b>Session 3 - Interaction networks</b>
		Nuria Galiana <i>The scale-dependency of the geographical variability in network structure</i>
		Pierre Quèvreux <i>Nutrient cycling in complex food web models</i>
		Sebastian Ibañez <i>Plant-soil feedbacks trigger the evolution of tannin production: a stoichiometric model</i>
		Guilhem Sommeria-Klein <i>Topic modelling reveals motifs in a spatially distributed DNA-based biodiversity survey</i>
14h30	15h00	<b>Coffee-break</b>
15h00	15h45	<b>Session 4 - Interaction networks 2</b>
		Eva Maire <i>The relative contributions of species, functional groups and phylogenetic lineages to the functioning of fish communities on coral reefs</i>
		Enrico Ser-Giacomi <i>Lagrangian Flow Networks: a new framework to study the multi-scale connectivity and the structural complexity of marine populations</i>
		Coralie Picoche <i>Linking phytoplankton dynamics to biotic interactions and abiotic drivers using long time series</i>
16h00	16h30	<b>Coffee-break</b>
16h30	17h30	<b>Session 5 - Macroecology, macroevolution and spatio-temporal patterns of biodiversity</b>
		Franck Jabot <i>Neutral macroecology of seed banks</i>
		Silvia De Monte <i>On the distribution of rare marine microbial genetic sequences</i>
		Laura Pollock <i>The spatial implication of competition and predation for vertebrates across Europe</i>
		Brent Mishler <i>Spatial Phylogenetics: combining molecular phylogenetics with collection-based spatial data to interpret evolutionary and ecological history, as well as better inform conservation decisions</i>
17:30	17:45	<b>Closing speech</b>
17:45	20h00	<b>Apéro dînatoire, by Au Bon Sens des Mets</b>